

INVERTER SQUARE WAVE

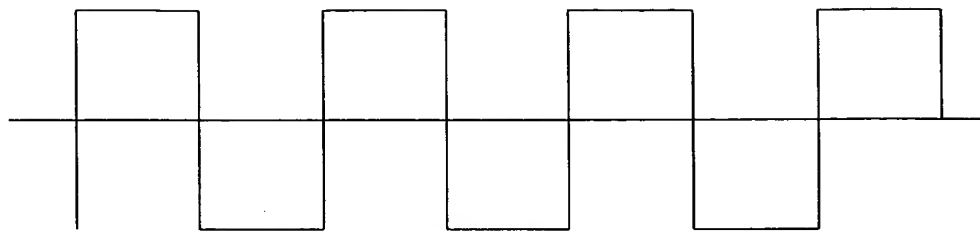


FIG. 6A

CYCLE WIDTH CONTROL OF POWER

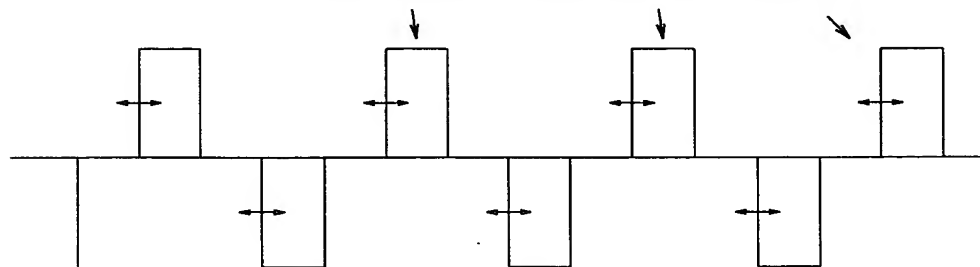
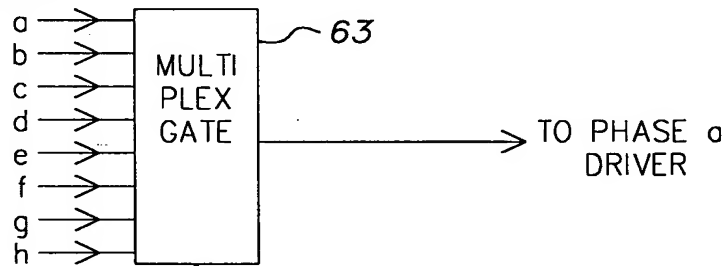


FIG. 6B

SHAFT SENSOR
SIGNALS



SHAFT SENSOR
SIGNALS

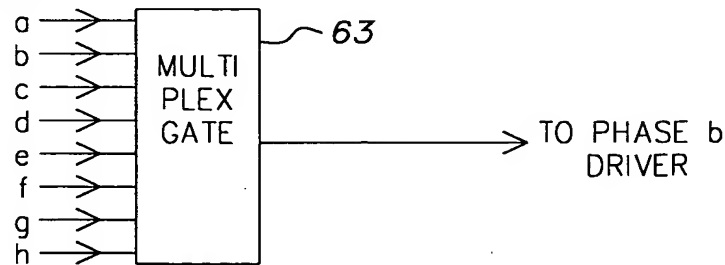
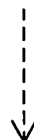
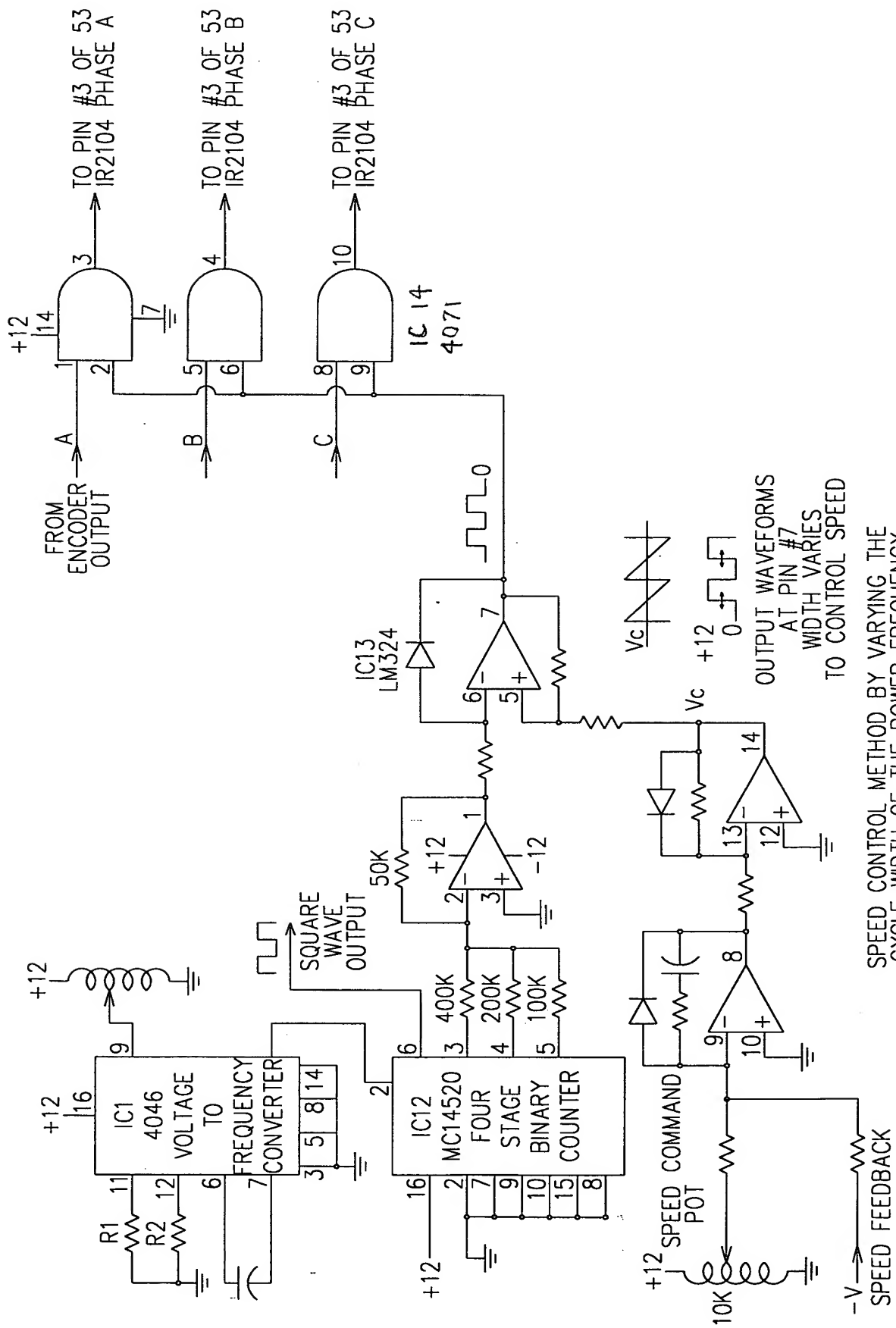


FIG. 9

SELECT
SIGNAL

AND SO ON FOR
ALL EIGHT PHASES





SPEED CONTROL METHOD BY VARYING THE
CYCLE WIDTH OF THE POWER FREQUENCY

FIG. 7

SAWTOOTH WAVEFORM AT PIN#1 IC13

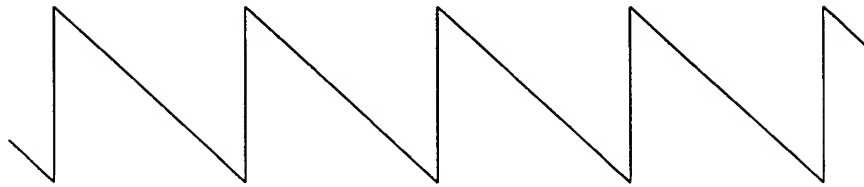


FIG. 8A

SQUARE WAVE OUTPUT PIN#6 IC12

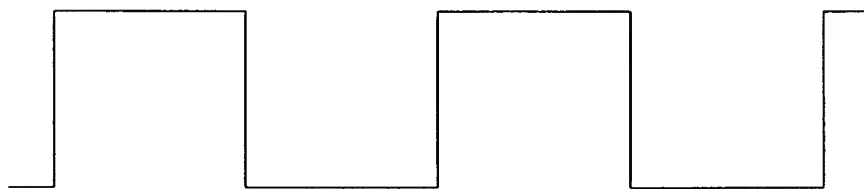
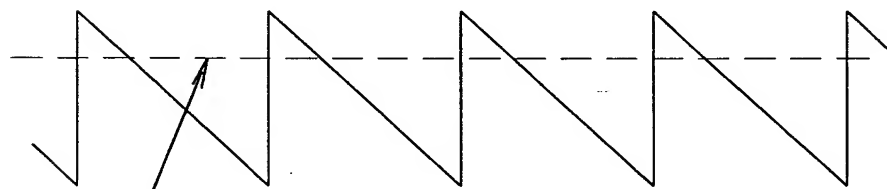
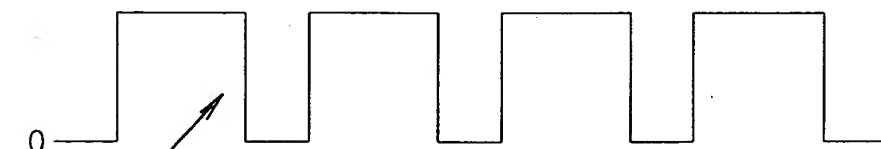


FIG. 8B



SPEED ERROR
SIGNAL LEVEL

FIG. 8C



0 —
OUTPUT AT
PIN#7 IC13

FIG. 8D

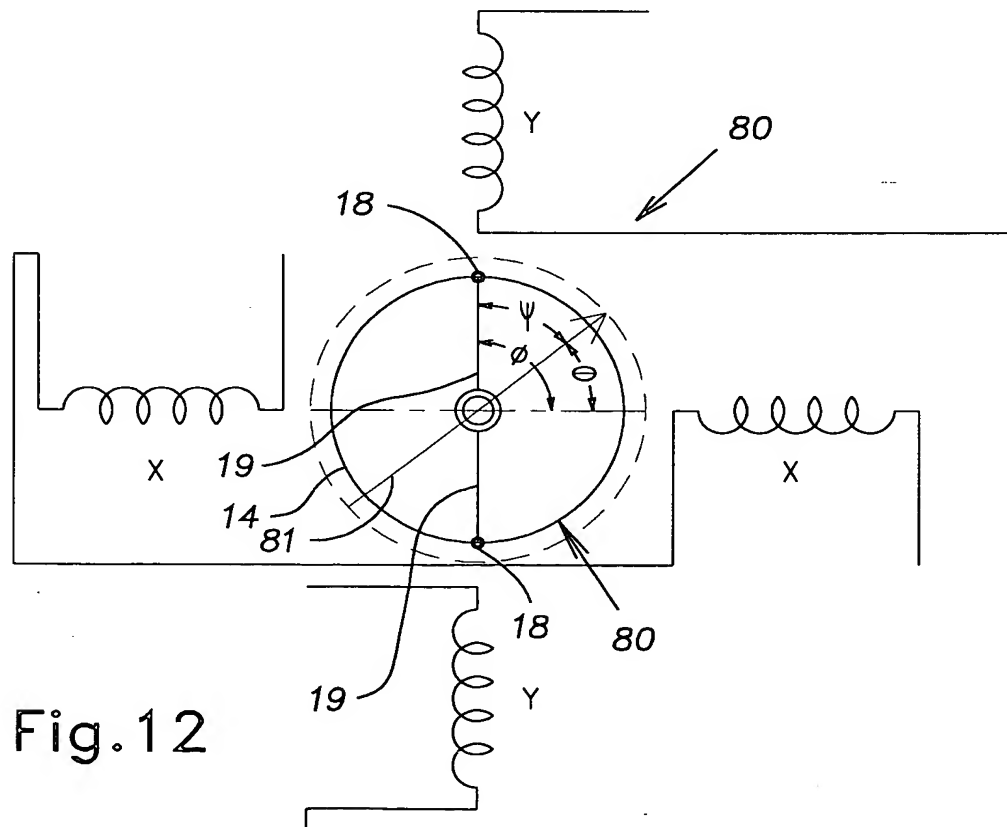
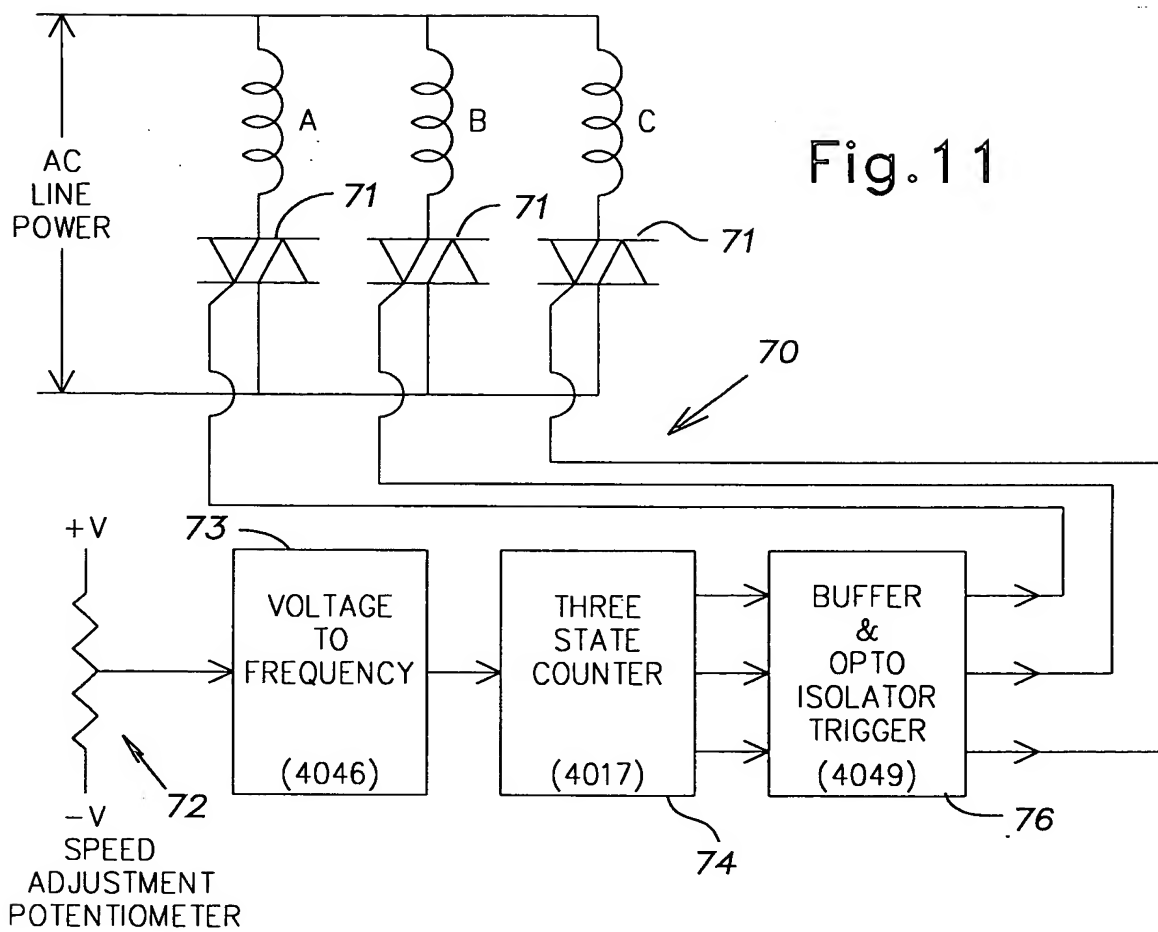


Fig. 13

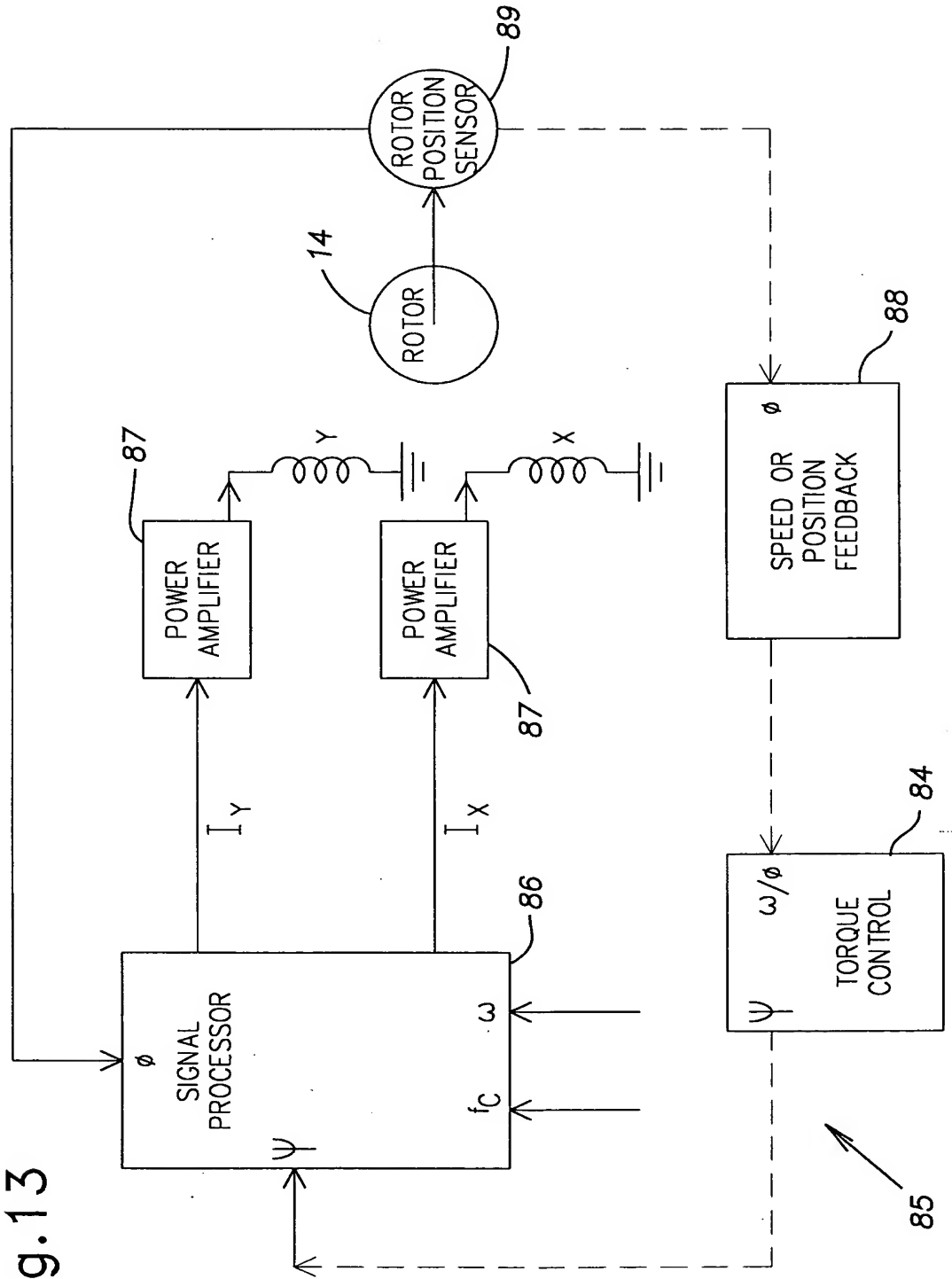


FIG. 16

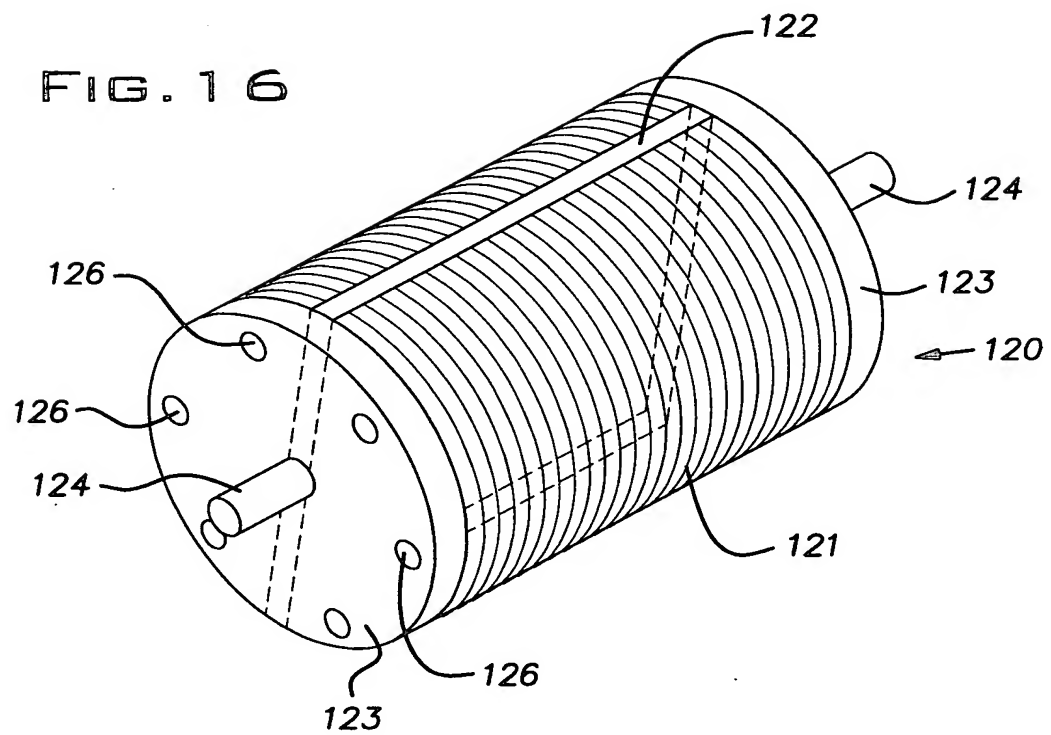


FIG. 17

